

Title (en)

Method for assessing the efficacy of a TR1 cell therapy in a subject

Title (de)

Verfahren zur Verfahren zur Bewertung der Effektivität einer TR1-Zelltherapie bei einer Person

Title (fr)

Procédé pour évaluer l'efficacité d'une thérapie cellulaire TR1 chez un sujet

Publication

**EP 2439534 A1 20120411 (EN)**

Application

**EP 10368038 A 20101008**

Priority

EP 10368038 A 20101008

Abstract (en)

The present invention relates to a method for assessing whether a patient subjected to an antigen-specific Tr1 cell therapy is responding to the treatment, said method comprising: - determining in vitro the antigen-specific proliferation of T cells contained in a cell sample from said patient, - comparing said antigen-specific proliferation to a standard reference, thereby determining whether the patient is responding or not to the treatment.

IPC 8 full level

**G01N 33/569** (2006.01); **G01N 33/50** (2006.01)

CPC (source: EP US)

**G01N 33/505** (2013.01 - EP US); **G01N 2800/065** (2013.01 - EP US); **G01N 2800/102** (2013.01 - EP US); **G01N 2800/52** (2013.01 - EP US)

Citation (applicant)

- WO 2008147869 A2 20081204 - CENTOCOR INC [US], et al
- WO 2008048986 A2 20080424 - CHILDRENS HOSP MEDICAL CENTER [US], et al
- EP 2056110 A1 20090506 - MAX PLANCK GESELLSCHAFT [DE]
- WO 2009052283 A2 20090423 - BLACK SAND TECHNOLOGIES INC [US], et al
- WO 2009068575 A1 20090604 - TXCELL [FR], et al
- WO 2009054242 A1 20090430 - KONICA MINOLTA MED & GRAPHIC [JP], et al

Citation (search report)

- [X] WO 2006018674 A1 20060223 - INST NAT SANTE RECH MED [FR], et al
- [X] US 2008233095 A1 20080925 - GROUX HERVE [FR], et al
- [I] WO 2008142405 A1 20081127 - UCL BUSINESS PLC [GB], et al
- [I] WO 2009050282 A1 20090423 - TXCELL [FR], et al
- [I] WO 2009068575 A1 20090604 - TXCELL [FR], et al
- [I] WO 2010104617 A2 20100916 - ALBANI SALVATORE [US]
- [X] COTTREZ F ET AL: "T regulatory cells 1 inhibit a Th2-specific response in vivo", JOURNAL OF IMMUNOLOGY, AMERICAN ASSOCIATION OF IMMUNOLOGISTS, US, vol. 165, no. 9, 1 November 2000 (2000-11-01), pages 4848 - 4853, XP002532119, ISSN: 0022-1767

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 2439534 A1 20120411**; AU 2011311245 A1 20130418; AU 2011311245 B2 20150917; CA 2813710 A1 20120412; DK 2625527 T3 20170116; EP 2625527 A1 20130814; EP 2625527 B1 20161005; ES 2609437 T3 20170420; JP 2013539977 A 20131031; JP 6121905 B2 20170426; PT 2625527 T 20170103; US 2013224784 A1 20130829; US 8815534 B2 20140826; WO 2012046139 A1 20120412

DOCDB simple family (application)

**EP 10368038 A 20101008**; AU 2011311245 A 20111007; CA 2813710 A 20111007; DK 11801821 T 20111007; EP 11801821 A 20111007; ES 11801821 T 20111007; IB 2011002680 W 20111007; JP 2013532286 A 20111007; PT 11801821 T 20111007; US 201113878089 A 20111007